

What is claimed is:

1. A treatment subject receiving vessel body, comprising:
  - a vessel main body capable of being carried;
  - 5 a treatment subject support member, disposed in the vessel main body, for supporting a plurality of treatment subjects;
  - a joint port formed at one side surface of the vessel main body and communicating with an interior of the vessel
  - 10 main body;
  - an openable and closable gate valve installed at the joint port; and
  - an openable and closable exhaust port disposed in the vessel main body to exhaust the vessel main body,
  - 15 wherein the vessel main body becomes sealed airtight when the gate valve and the exhaust port are closed.
2. The treatment subject receiving vessel body of claim 1, wherein the vessel main body includes an exhaust opening; a
- 20 vacuum pump connected to an exhaust opening; and a backing space connected to an exhaust side of the vacuum pump, the exhaust port being installed at the backing space.
3. A treating system comprising:
  - 25 the treatment subject receiving vessel body described in claim 1;

a first transport auxiliary chamber having at one side thereof a vessel body port to which the treatment subject receiving vessel body is connected and having therein a transport arm mechanism for transporting a treatment  
5 subject;

a second transport auxiliary chamber having at one side thereof a vessel body port to which the treatment subject receiving vessel body is connected and having therein a transport arm mechanism for transporting the  
10 treatment subject; and

a vessel body transfer unit for transporting the treatment subject receiving vessel body between the first transport auxiliary chamber and the second transport auxiliary chamber.

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4. The treating system of claim 3, further comprising:

a processing chamber for performing a process on the treatment subject, and

wherein the second transport auxiliary chamber is  
20 located such that another side thereof is adjacent to the processing chamber and the transport arm mechanism therein is capable of transporting the treatment subject between the processing chamber and the treatment subject receiving vessel body.

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5. The treating system of claim 3, further comprising:

a loading/unloading port onto which a cassette vessel containing plural treatment subjects is placed, and

5 wherein the first transport auxiliary chamber is located such that another side thereof is adjacent to the loading/unloading port, and the transport arm mechanism therein transports the treatment subject between the cassette vessel and the treatment subject receiving vessel body.

10 6. The treating system of claim 3, further comprising:

a loading/unloading port onto which a cassette vessel containing plural treatment subjects is placed; and

a common transfer chamber installed adjacent to the loading/unloading port,

15 wherein the first transport auxiliary chamber is located such that another side thereof is adjacent to the common transfer chamber and the transport arm mechanism therein transports the treatment subject between the cassette vessel and the treatment subject receiving vessel  
20 body.

7. The treating system of claim 6, wherein the common transfer chamber includes a positioning mechanism for performing positioning of the treatment subject.

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8. The treating system of claim 3, wherein the vessel

body port of the first transport auxiliary chamber is provided with an openable and closable gate valve, and the vessel body port of the second transport auxiliary chamber is also provided with an openable and closable gate valve.

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9. The treating system of claim 8, wherein the first transport auxiliary chamber is provided with a gas exhaust line; the second transport auxiliary chamber is also provided with a gas exhaust line; a port gas supply line and a port gas exhaust line are installed outside the gate valve of the vessel body port of the first transport auxiliary chamber; and a port gas supply line and a port gas exhaust line are also installed outside the gate valve of the vessel body port of the second transport auxiliary chamber.

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10. The treating system of claim 9, wherein the first transport auxiliary chamber is provided with a gas supply line and the second transport auxiliary chamber is also provided with a gas supply line.

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